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ABSTRACT

This special report is a bibliography and listing of many of the resources available for the study of undergraduate learning, curriculum and instruction. The headings are: (1) Bibliographic Aids, (2) Periodicals and Newsletters, (3) Books, Articles, Reports, Surveys, (4) Learning-Teaching Approaches, (5) Individualized Learning, (6) Learning Technology, (7) Field Study, (8) Evaluation (Grading) Practices, (9) Interdisciplinary Concerns, (10) Disciplinary Literature, (11) Processes of Change in Education, which deal with special problems encountered in putting a plan into effect, and (12) National and Regional Organizations. (AF)



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A GUIDE TO RESOURCES FOR UNDERGRADUATE ACADEMIC REFORM

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This guide is a bibliography and listing of many of the resources available for the study of undergraduate learning, curriculum, and instruction. It is designed for the students, faculty, and administrators who are planning undergraduate programs. A section entitled "Processes of Change in Education" has been included, dealing with special problems encountered in putting a plan into effect.

Not included is a listing of the extensive literature on student development and the college environment. For such references, Feldman and Newcomb's book (Sec. 3) is a thoroughgoing source.

The bibliographical portions of the guide emphasize material published after 1967. References to earlier works may be found in the bibliographical guides listed in the first section.

Some limited annotations are included to help the user identify promising resources quickly.

Members of the Council will receive two copies of this *Special Report* so that presidents may, if they wish, pass one or both along to others who may now be working in the areas covered. This *Special Report* may be quoted and reproduced without restriction.

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Readers interested in *Special Topics* should also review the entries in the three preceding general sections for relevant material.

1. BIBLIOGRAPHICAL AIDS

Boss, Richard D., and Anderson, Robert. *Community Junior College: A Bibliography*. Corvallis: Division of Continuing Education, Oregon State System of Higher Education, 1966, 184 pp. \$1.75.

Burnett, C.W., and Badger, F.W., eds. *The Learning Climate in the Liberal Arts College: An Annotated Bibliography*. Charleston, W.Va.: Morris Harvey College, 1970. Single copies free. (Covers major journal articles from 1950 through June 1969, classified by liberal arts approach, curriculum, teaching methods, new media, and the teaching-learning process.)

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Current Index to Journals in Education (CIJE). New York: CCM Information Sciences, Inc. (866 Third Ave.). (Index to 200 journals in and related to the field of education; operated in cooperation with the Educational Resources Information Center [ERIC].) Subscription: \$34 a year.

Diener, Thomas J., and Trower, David L. *An Annotated Guide to Periodical Literature: Higher Education*. Athens: Georgia Institute of Higher Education, University of Georgia, 1969, 35 pp. \$.50.

The Education Index. New York: H.W. Wilson Co. (A reader's guide to periodical literature in or related to the field of education.)

Eidell, Terry L., and Klebe, John A., comps. *Annotated Bibliography on the Evaluation of Educational Programs*. Eugene: University of Oregon, 1968, 19 pp. (ERIC document ED 025 857.)

Georgiades, William, et al. *Selected Annotated Bibliography Relating to New Patterns of Staff Utilization*. Oregon State Department of Education, 1965, 109 pp. (ERIC document ED 012 506.)

Goldberg, Maxwell H., ed. *Needles, Burrs and Bibliographies*. University Park: Pennsylvania State University Center for Continuing Liberal Education, 1969. (Critical and bibliographic studies of recent writings on technological change, human values, and the humanities.)

Handbook on Information Sources in Education and the Behavioral Sciences. (ERIC Document ED 020 447.) Bethesda, Md.: ERIC Document Reproduction Service (4936 Fairmont Ave.). \$.75 microfiche, \$9.35 hard copy.

Heckman, Dale, and Martin, Warren Bryan. "Understanding Maladies and Effecting Cures: An Overview of Current Research in Higher Education." in *Agony and Promise: Current Issues in Higher Education*, G. Kerry Smith, ed. San Francisco: Jossey-Bass, 1969. Ch. 24.

Heckman, D., and Martin, W.B. *Inventory of Current Research on Higher Education*. New York: McGraw-Hill, 1968.

Heiss, Ann M., et al. *Graduate and Professional Education, An Annotated Bibliography*. Berkeley: Center for Research and Development in Higher Education, University of California, 1967, 131 pp. \$2.

Higher Education: General Bibliography No. 1. Washington, D.C.: ERIC Clearinghouse on Higher Education. (Documents selected from *Research in Education*, Sept.-Dec., 1968.)

Higher Education: General Bibliography No. 2. Washington, D.C.: ERIC Clearinghouse on Higher Education. (A bibliography of documents selected from *Research in Education*, January-June 1969.)

Higher Education: General Bibliography No. 3. Washington, D.C.: ERIC Clearinghouse on Higher Education. In preparation. (Documents selected from *Research in Education*, July-Dec., 1969.)

Higher Education in the States, Vol. 1, No. 1. Denver, Colo.: Higher Education Services of the Education Commission of the States (1960 Lincoln St.), 1970. (Bibliography of publications of state and regional higher education agencies.)

Kelsey, Roger R. *A.A.H.E. Bibliography on Higher Education*, 1970. Takoma Park, Md. (700 Ludlow St.), 50 pp. \$1. (Extensive book bibliography on all areas of higher education.)

Kelsey, Roger R. *A Bibliography on Higher Education*. Baltimore: Higher Education Council, Maryland State Teachers Association (344 North Charles St.), 1969, 175 pp. (Extensive bibliography based on the author's 1964-1969 bibliographies for the A.A.H.E.)

Klein, Bernard, ed. *Guide to American Educational Directories*. Rye, N.Y.: B. Klein & Co. (13 Third St.). \$20. (A centralized listing of more than 1,800 directories that have relevance to education.)

Manheim, T.; Dardarian, G.L.; and Satterthwaite, D.A. *Sources in Educational Research*. Detroit, Mich.: Wayne State University Press, 1969. \$9.95. (Selected and annotated bibliography: educational research—general, mathematics education, social studies education, library sciences, comparative education, science education, music education, instructional technology, language arts.)

Marien, Michael. *Shaping the Future of American Education: A Preliminary Annotated Bibliography of Educational and General Futures*. Syracuse, N.Y.: Educational Policy Research Center, Syracuse University Research Corporation (1206 Harrison St.), 1969. (Supplement: Aug. 1969.)

Mayhew, Lewis B. *The Literature of Higher Education*, 1969. Washington, D.C.: American Association for Higher Education, 1970. (Brief reviews of major books in education for 1969. Similar reviews available for 1967 and 1968.)

Meeth, L. Richard. "Selected Literature of 1968." In *Agony and Promise: Current Issues in Higher Education*, 1969, G. Kerry Smith, ed. San Francisco: Jossey-Bass, 1969. Ch. 25.

Research in Education. Washington, D.C.: U.S. Government Printing Office. (Indexes documents deposited in all ERIC Centers. Subscription: \$21 a year.)

Review of Educational Research, Educational and Psychological Testing. Washington, D.C.: American Education Research Association, 1968. \$3.

2. PERIODICALS AND NEWSLETTERS

Change in Higher Education. New York: Science and University Affairs (59 East 54th St.), Bimonthly. (Emphasis on current innovations in higher education, including advice on problems encountered in the process of innovation.)

Chronicle of Higher Education. Washington, D.C.: 1717 Massachusetts Ave., N.W. Weekly during the academic year. (Extensive coverage of events and major reports in higher education; includes an annotated listing of new publications in or related to the field.)

Undergraduate Academic Reform

Edcentric. Washington, D.C.: Center for Educational Reform, U.S. National Student Association (2115 S St., N.W.). Monthly; \$5 to faculty and administration; free to students. (Essays, news of Center activities, reports on Movement events from around the country.)

Educational Forum. West Lafayette, Ind.: Box A. Quarterly, \$5 a year, \$1.25 single copy.

Educational Record. Washington, D.C.: American Council on Education (One Dupont Circle), Quarterly, \$10 a year.

Educational Technology. Englewood Cliffs, N.J.: 456 Sylvan Ave. Monthly; \$12 for individuals; \$18 for institutions.

Educom. Edward F. McCartan, ed. Interuniversity Communications Council. 6 issues a year; \$5 to educators and students; \$10 to others.

Harvard Educational Review. Cambridge, Mass.: Graduate School of Education, Longfellow Hall, 13 Appian Way. Bimonthly, \$8.

Higher Education in New England. Wellesley, Mass.: New England Board of Higher Education (20 Walnut St.). Quarterly.

Higher Education in the States. Denver, Colo.: Higher Education Services, Education Commission of the States (1860 Lincoln St.). Monthly.

Improving College and University Teaching. Corvallis: Oregon State University (101 Waldo Hall). Quarterly, \$6.

Intercollegiate Press Bulletins. College Point, N.Y.: Box 46. Weekly. (Newsletter reporting current college events—academic, judicial, organizational—during the academic year.)

Journal of Educational Research. Madison, Wis.: P.O. Box 1605. Monthly; \$7.50 a year; \$1 single copy.

Journal of General Education. University Park: Pennsylvania State University Press. Quarterly, \$7.50.

Journal of Higher Education. Columbus: Ohio State University Press (2070 Neil Ave.). Monthly (Oct.-June); \$10 a year; \$1.50 single copy.

Journal of Teacher Education. Washington, D.C.: National Education Association (1201 - 16th St., N.W.). Quarterly; \$8 a year; \$2.50 single copy.

Junior College Journal. Washington, D.C.: American Association of Junior Colleges (One Dupont Circle). Monthly; \$4 a year; \$.75 single copy.

Liberal Education. Washington, D.C.: Association of American Colleges (1818 R St., N.W.). Quarterly, \$4 (\$2 to Association members).

Memo to the Faculty. Ann Arbor: Center for Research on Learning and Teaching, University of Michigan (1315 Hill St.). Bimonthly; \$1 for the academic year; \$.25 single copy. (Reports on new developments in higher education.)

New Schools Newsletter. Santa Barbara, Calif.: New Schools Exchange (2840 Hidden Valley Lane). Weekly, \$10 a year. (The Exchange is a resource center and clearinghouse for information about free schools, community schools, free universities, and communes.)

Phi Delta Kappan. Bloomington, Ind.: Phi Delta Kappa, Inc. (Eighth St. & Union Ave.). Monthly (Sept-June); \$5 a year; \$.60 single copy.

The Record. New York: Teachers College, Columbia University. Monthly.

Report on Questionnaires. Sybil T. Welden, ed. Washington, D.C.: American Council on Education (One Dupont Circle). Monthly, \$5. (Annotated listing of current questionnaires and resulting reports on higher education.)

Theory into Practice. Columbus: College of Education, Ohio State University (Arps Hall, 1945 North High St.). \$5 a year; \$1.50 single copy.

Universities Quarterly, Higher Education and Society. London, England: 10 Great Turnstile. 4 issues per year, 40s; 10s6d single copy.

3. BOOKS, ARTICLES, REPORTS, SURVEYS

Alexander, William M., ed. *The Changing Secondary School Curriculum*. New York: Holt, Rinehart & Winston, 1967, 479 pp.

Altman, Robert A. *The Upper Division College*. San Francisco: Jossey-Bass, 1970, 224 pp.

Anderson, G. Lester. *The Changing College Curriculum—Issues and Implications*. University Park, Pa.: Center for the Study of Higher Education, Report No. 2, Jan. 1970.

Astin, Alexander W., and Panos, Robert J. *The Educational and Vocational Development of College Students*. Washington, D.C.: American Council on Education, 1969, 211 pp.

Axelrod, Joseph. *The Experimental Freshman-Year Program: Its Philosophic Bases*. Mimeographed. San Francisco: San Francisco State College, 1966.

Axelrod, Joseph. *Model Building in Undergraduate Colleges: A Theoretical Framework for Studying and Reforming the Curricular-Instructional Subsystem in American Colleges*. Bethesda, Md.: ERIC Document Reproduction Service (4936 Fairmont Ave.), 1969.

Axelrod, J., and Bigelow, D. N. *Resources for Language and Area Studies in the United States*. Washington, D.C.: American Council on Education, 1962.

Axelrod, Joseph, et al. *Search for Relevance*. San Francisco: Jossey-Bass, 1969, 244 pp. (A theory of personality; independence, creativity, responsibility; the failure of old models; freedom to learn; protest and conflict; four new models, influences on students and campus impact; roles of research.)

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- Bell, Daniel. *The Reforming of General Education*. New York: Columbia University Press, 1966.
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- Bonham, George W., ed. *New Designs for Liberal Arts Colleges*. Yellow Springs, Ohio: Union for Research and Experimentation in Higher Education, 1966, 77 pp.
- Brick, Michael, and McGrath, E. J. *Innovation in Liberal Arts Colleges*. New York: Institute of Higher Education, Teachers College, Columbia University, 1969. (Results of a comprehensive survey of liberal arts colleges for "innovative" approaches to curriculum, instructional methods, and the organization and structure of the college.)
- Campus in the City: A Report from Educational Facilities Laboratories*. New York: Educational Facilities Laboratories (477 Madison Ave.), 1968. (Surveys EFL's activities, services, and publications.)
- Caplow, T., and McGee, R.J. *The Academic Marketplace*. New York: Basic Books, 1958.
- "Center for Participant Education—University of California at Berkeley." Selected issues of the Center's catalogue. Washington, D.C.: Center for Educational Reform, U.S. National Student Association, 1968.
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- Cohen, Arthur M. *Dateline '70: Heretical Concepts for the Community College*. Beverly Hills, Calif.: Glencoe Press, 1969.
- A College in the City: An Alternative*. New York: Educational Facilities Laboratories (477 Madison Ave.), 1969, 42 pp.
- The Colorado College Plan. For information and descriptive materials, write to: George A. Drake, Dean of the Faculty, or Glenn E. Brooks, Faculty Assistant to the President, Colorado College, Colorado Springs, Colo. 80903. (A comprehensive plan for: a concentrated course system; limited course size; modularly scheduled, varying length course units; independent meeting times; integration of academics with residential living; emphasis on field study and independent research; a broad program of leisure activities. To be initiated in September 1970.)
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10. DISCIPLINARY LITERATURE

This guide does not include the extensive, diverse, and specialized literature pertaining to curricular programs and materials in the various disciplines. Persons in need of such materials, however, can investigate several sources.

Disciplinary associations (e.g., the American Political Science Association, the Modern Language Association) often have committees concerned with undergraduate curriculum or instruction, although in the social sciences and humanities such committees generally have very limited or no full-time staff and confine their activities to responding to specific written inquiries and referring requests to further sources. In the natural sciences, seven college science commissions provide extensive sources of information on their disciplines, including information on curricular arrangements, course content, and teaching methods. They are listed at the end of this section.

An overview of the current state of the social and behavioral sciences is provided by the report of the Behavioral and Social Sciences Survey Committee of the National Academy of Sciences and the Social Science Research Council (see *Hilgard*, 1969, Sec. 3). Attention is called to the ten report series conducted under the same sponsorship, and listed in this book, on the particular social and behavioral sciences. This series is now in the process of being published by Prentice-Hall, Inc., Englewood Cliffs, N.J. 07632. A similar study has been conducted and published for the physical sciences (see *The Physical Sciences*, Sec. 3).

For teaching in the disciplines, an initial source is Morris's book (Sec. 4), which also contains supplementary bibliographies for disciplines not covered in essay form.

The Information Resource Center of the American Association of Junior Colleges (Sec. 12) can provide information on programs in technical and paraprofessional areas.

A number of professional organizations also publish journals for their fields (e.g., *Journal of Biological Education*, *College English*). The best means of surveying such journal literature is through the *Current Index to Journals in Education* (Sec. 1), published by ERIC.

Other ERIC literature which should be searched includes *Research in Education* and the *Higher Education General Bibliography* series of the Clearinghouse on Higher Education. All ERIC literature has subject indexes (Sec. 3). In addition, there are ERIC clearinghouses in the areas of linguistics, science education, teacher education, teaching of English, and teaching of foreign languages. A new ERIC clearinghouse in the social and behavioral sciences is in the process of being established.

The college science commissions:

Commission on College Geography, Dr. John F. Lounsbury, Department of Geography, Arizona State College, Tempe, Arizona 85281.

Commission on College Physics, Department of Physics and Astronomy, University of Maryland, 4321 Hartwick Road, College Park, Md. 20740.

Commission on Education in Agriculture & Natural Resources, 2101 Constitution Ave., N.W., Washington, D.C. 20418.

Council on Education in the Geological Sciences, Dr. Peter Fenner, 2201 M. St., N.W., Washington, D.C. 20037.

Commission on Education of the National Academy of Engineering, 2101 Constitution Ave., N.W., Washington, D.C. 20418.

Commission on Undergraduate Education in the Biological Sciences, 3900 Wisconsin Ave., N.W., Washington, D.C. 20016.

Committee on the Undergraduate Program in Mathematics, P.O. Box 1024, Berkeley, Calif. 94701.

Groups providing similar services:

Division of Chemical Education, American Chemical Society, 1155 16th St., N.W., Washington, D.C. 20036.

Educational Affairs Office, American Psychological Association, 1200 17th St., N.W., Washington, D.C. 20036.

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Street, David, ed. *Innovation in Mass Education*. New York: John Wiley and Sons, 1969, 342 pp.

12. NATIONAL AND REGIONAL ORGANIZATIONS

The following organizations do not offer services for the study of undergraduate academic reform beyond those specifically listed below, but all will answer inquiries directed to their particular areas of concern. Major publications of the organizations are listed in the appropriate preceding sections of this guide.

Academy for Educational Development, 437 Madison Ave., New York, N.Y. 10022. (Professional study and consulting services for educational problems at all levels.)

Alabama Student Development Center, 404 Caplewood Drive, Tuscaloosa, Ala. 35401. (Conducts and sponsors conferences; publications program; consultation services in the area of free universities and experimental colleges.)

American Association of Higher Education, One Dupont Circle, Washington, D.C. 20036. (A professional association for individual administrators, faculty, students, and others concerned with higher education.)

American Educational Research Association, 1201 Sixteenth St., N.W., Washington, D.C. 20036. (A professional association for behavioral scientists and educators, with the purpose of improving educational research and promoting the application of research procedures and findings to educational problems; three periodical publications.)

Campus Research Associates, 10 Southwood Circle, Syosset, N.Y. 11701. (Offers study and consulting services for a variety of campus concerns—e.g., course evaluation, course requirements, the conduct of conferences and workshops, student organizational self-study.)

Center for Integrative Curriculum Design, Kendall College, Evanston, Ill. 60204. (Promotes and encourages information exchange and program development in many areas of "more humanized educational processes and of integrated curriculum formats—transdisciplinary studies.")

Center for Educational Reform, National Student Association, 2115 S St., N.W., Washington, D.C. 20008. (Consulting services on teacher and course evaluation, curriculum design, free universities and experimental colleges, grading. Publications program and reference service. Aid in establishing contact with student groups and centers around the country.)

Centre for Learning and Development, McGill University, Montreal, Quebec, Canada. (A center for the evaluation of existing learning and teaching methods and experimentation with new methods. Emphasis upon improving the learning environment at McGill and other universities. Publishes the newsletter *Learning and Development*.)

The Center for Research and Development in Higher Education, 1947 Center St., University of California, Berkeley, Calif. 94720. (Emphasis on equalizing opportunity through relevant programs for "new" students, on appropriate structures, participants, and processes for program development, and on educational impact and student development; conducts conferences, provides consultative services, and publishes books, monographs, and reports, as well as the newsletter *The Research Reporter*, available upon request.)

The Center for Research on Learning and Teaching, University of Michigan, 1315 Hill St., Ann Arbor, Mich. 48104. (Research, publication, and services to local parties. Publishes *Memo to the Faculty* and *Development and Experiment in College Teaching*.)

Center for the Study of Evaluation, 145 Moore Hall, University of California, Los Angeles, Calif. 90024. (Three objectives: to develop a theory for the study of evaluation; to develop methods and instruments for measuring program effectiveness; to provide a scientific basis for program and

policy decisions in education. Publishes findings in the form of *Center Reports*. Subscriptions for the Center newsletter, *Evaluation Comment*, available upon request.)

Center for the Study of Higher Education, Hofstra University, Hempstead, N.Y. 11550. (Research, and two series of publications: *Reports* and *Abstracts* of some of the literature on higher education.)

Center for the Study of Higher Education, University of Michigan, 1100 South University, Ann Arbor, Mich. 48104. (Emphasizes doctoral-level programs in higher education; carries out research and publication on undergraduate curricular issues, residential and community college programs.)

Center for the Study of Higher Education, Pennsylvania State University, University Park, Pa. 16802. (Primary emphases on governance and manpower studies; publishes occasional reports and monographs.)

The Center for Vocational and Technical Education, Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210. (Research and publication programs in all areas of vocational and technical education, including teacher education, curriculum development, and change process in vocational-technical education. Includes the ERIC clearinghouse on vocational and technical education.)

Education Research Center, Massachusetts Institute of Technology, Cambridge, Mass. 02139. (Three concerns: studying human effects of the curriculum; clarifying the origins, contents, and processes of particular fields of knowledge; providing teaching material. Emphasis, but not exclusive attention, on science education.)

EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC). ERIC is a national education information system designed and supported by the U.S. Office of Education. It operates chiefly through a nationwide network of nineteen clearinghouses, each concerned with a specific field of education. Interested persons should make contact with the clearinghouse in their field of concern in order to familiarize themselves with its operations and receive the literature distributed through its mailing list. A brief introduction to the ERIC system may be obtained by writing for: *How to Use ERIC*. Washington, D.C.: U.S. Govt. Printing Office, \$.30. The two clearinghouses most directly related to this guide are:

ERIC Clearinghouse on Higher Education
One Dupont Circle
Washington, D.C. 20036

ERIC Clearinghouse on Junior Colleges
96 Powell Library Building
University of California
405 Hilgard Avenue
Los Angeles, Calif. 90024.

4-1-4 Conference, P.O. Box 12560, St. Petersburg, Fla. 33733. (The 4-1-4 Conference conducts research, workshops, and publication programs and arranges consultant and information exchange services to promote the establishment and development of the 4-1-4 curricular-calendar pattern.)

Information Resource Center, American Association of Junior Colleges, One Dupont Circle, Washington, D.C. 20036. (Information on plans and programs for junior colleges and technical and paraprofessional education programs.)

Institute for Research and Training in Higher Education, 3020 Woodside, University of Cincinnati, Cincinnati, Ohio 45221. (Projects in teaching assistantship programs, psychology of interracial relations, and numerous kinds of new academic programs; publishes a quarterly newsletter on these topics.)

Institute of International Education, 809 United Nations Plaza, New York, N.Y. 10017. (Maintains public library and collections; answers inquiries; furnishes bibliographic references, fact sheets on study opportunities, and references to other sources of information on international education; publishes *Open Doors*, a statistical report, as well as various research reports, surveys, handbooks, and guides.)

International Educational Consultants, 230 South Fifteenth St., Philadelphia, Pa. 19102. (Offers a complete service of overseas program development.)

Learning Research and Development Center, 208 Mineral Industries Building, University of Pittsburgh, Pittsburgh, Pa. 15213.

Learning Research Center, University of Tennessee at Knoxville, Knoxville, Tenn. 37916. (Studies and communicates research results on many aspects of learning-teaching arrangements; publishes *Teaching-Learning Issues*, a free quarterly concerned with one major topic per issue.)

National Organization of Women (NOW). National Headquarters, 328 West 12th St., New York, N.Y. 10014. (A national women's organization with campus chapters and campus newsletter.)

NTL Institute for Applied Behavioral Science, 1201 Sixteenth St., N.W., Washington, D.C. 20036. (Offers professional consulting services, workshops, and training laboratories for the development of institutional self-study and leadership skills in the areas of higher education, organization, international development, and community affairs.)

New England Board of Higher Education, 20 Walnut St., Wellesley, Mass. 02181. (Regional compact for higher education.)

Office of the Dean, Justin Morrill College of Michigan State University, East Lansing, Mich. 48823. (Justin Morrill College is serving as a *clearinghouse of information on "residential colleges"*—experimental colleges within larger colleges and universities. Interested parties may be added to the clearinghouse's mailing list and information exchange system by request.)

Office of Institutional Educational Research, University of Washington, Seattle, Wash. 98105. (Engages in study and data collection on all aspects of curriculum evaluation and change at the university. Will provide advice and consultation on research design and conduct to area groups.)

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Project To Improve College Teaching. Sponsored by the AAUP and AAC. 1259 East South Temple, Salt Lake City, Utah 84110. (Three specific concerns: the evaluation of teaching; the development of college teaching as a career; and the working conditions necessary for effective teaching. Interested parties may be put on the Project's mailing list by request.)

School Research Information Service. Phi Delta Kappa Research Service Center, Eighth and Union St., Bloomington, Ind. 47401. (Reports on innovative activities of school systems and school study units.)

Southern Regional Education Board, 130 Sixth St., N.W., Atlanta, Ga. 30313. (Promotes regional cooperation; provides study and consultation services for all areas of higher education; publishes *Regional Action*, a quarterly newsletter, as well as monographs, reports.)

Student Campus Improvement System, P. O. Box 405, Davis, Calif. 95616. (Services for students interested in enhancing their campus environment. Offers studies of successful innovative campus programs and consultant services for adaptation of the programs to specific campuses.)

Union for Experimenting Colleges and Universities (formerly the Union for Research and Experimentation in Higher Education), Antioch College, Yellow Springs, Ohio 45387. (Numerous projects for encouraging innovation and experimentation in higher education, including field study centers, a new graduate school, summer programs for faculty to develop innovative courses and independent study curricula, a student-faculty exchange program and a program for black interns. Union activities reported through occasional publications, conferences, and the newsletter *Union Notes*.)

Western Interstate Commission for Higher Education, Post Office Drawer "P", Boulder, Colo. 80302. (Fact-finding agency and clearinghouse of information about higher education; conducts basic studies of educational needs and resources in the West; facilitates interstate arrangements for educational services; emphasis in academic areas on specialized manpower problems; publishes frequent monographs, reports, and *Wiche Reports on Higher Education*, a quarterly newsletter available upon request.)

Beyond the organizations listed above, there are numerous other groups which are concerned in some way with problems in education. A careful search of the following sources might produce a group either more directly concerned with the problems of a particular campus or more conveniently located than any listed above.

Directory of Educational Information Centers. Washington, D.C.: Division of Information Technology and Dissemination, Bureau of Research, U.S. Office of Education, 1969. Order from: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. \$1.25.

Mullins, Elizabeth, comp.; Miller, Richard I., ed. *A Directory of Individuals, Programs, and Agencies Engaged in the Study of Change*. 1967 edition. Bloomington, Ind.: National Institute for the Study of Educational Change (825 East Eighth St.). Directed only to change in education.

Palmer, Archie M., ed. *Research Centers Directory*, 1968. (3rd. ed.) Detroit: Gale Research Company, The Book Tower.